

ABSTRACT OF THE DISCLOSURE

A method is provided for producing a sheathed	S-O.
penetrator having a steel sheath and a heavy-metal core with a	S-O.
smooth surface. The method includes heating the steel sheath	S-O.
to a temperature between 70 and 350 °C; inserting the heavy-	
metal core into the heated steel sheath ; and allowing the steel	S-O.
sheath to cool down. An inside diameter of the steel sheath	S-O.
and an outside diameter of the heavy-metal core are such that	
an interference fit exists between the steel sheath and the	S-O.
heavy-metal core after the steel sheath has cooled down.	S-O.

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